

What Is Claimed Is:

1. A method for the stimulation of functions for controlling operating sequences, the functions accessing at least one global variable of at least one program for control, wherein at least one stimulation function is provided, accessing the at least one global variable via at least one software breakpoint.
2. The method as recited in Claim 1, wherein the functions are stimulated within the program during the runtime of the program.
3. The method as recited in Claim 1, wherein the functions are stimulated in real time within a runtime system.
4. The method as recited in Claim 1, wherein the global variable is assigned a first piece of data information, this first piece of data information being replaced by a second piece of data information corresponding to the new stimulation values.
5. The method as recited in Claim 1, wherein the functions are stimulated by an internal bypass.
6. The method as recited in Claim 1, wherein the software breakpoint is accomplished by assigning address information to the global variable, the address information being loaded from a memory means by a load instruction, and the address information of the global variable of the load instruction is replaced.
7. The method as recited in Claim 6, wherein the address information of the global variable is replaced by the address information of a pointer variable.
8. The method as recited in Claim 6, wherein an initial address of the function is determined from the address information.
9. The method as recited in Claim 6, wherein the functions for control of operating sequences are replaced by replacing the address information by additional functions.

10. The method as recited in Claim 1,
wherein the software breakpoint is accomplished by addressing the global variable via a store instruction and the store instruction is manipulated onto the global variable by replacing the store instruction by a jump instruction.

11. The method as recited in Claim 10,
wherein the functions for controlling the operating sequences by replacing the store instruction by the jump instruction are replaced by additional functions.

12. A device for the stimulation of functions for controlling operating sequences, the functions accessing at least one global variable of at least one program for control, wherein first stimulation means are provided and designed in such a way that at least one stimulation function is activated, and control means are provided and designed so that they generate at least one software breakpoint, the stimulation function accessing the at least one global variable via the software breakpoint.

13. A control unit having a device for the stimulation of functions for control of operating sequences, the functions accessing at least one global variable of at least one program for control,
wherein first stimulation means are provided and designed in such a way that at least one stimulation function is activated and control means are provided and designed in such a way that they generate at least one software breakpoint, the stimulation function accessing the at least one global variable via the software breakpoint.

14. The computer program product having program code stored on a machine-readable medium for performing the method as recited in one of Claims 1 through 11 when the program is executed on a computer.

15. The computer program having program code for performing all steps as recited in one of Claims 1 through 11 when the program is executed on a computer.